

PTO/SB/21 (09-04)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number

10/656,307

Filing Date

September 5, 2003

First Named Inventor

Robert K. Masse

Art Unit

3641

Examiner Name

Troy Chambers

Attorney Docket Number

NPS-PT025.1 formerly (08822-0066 C11 (188087))

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	
<input checked="" type="checkbox"/> Supplemental Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="text"/> Remarks	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application		
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	VOLPE AND KOENIG, P.C.		
Signature			
Printed name	Ryan W. O'Donnell		
Date	November 22, 2005	Reg. No.	53,401

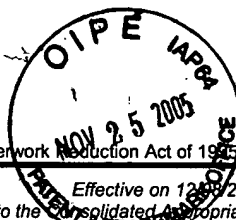
**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Ryan W. O'Donnell	Date	November 22, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Effective on 12/29/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$180.00)

**Complete if Known**

Application Number	10/656,307
Filing Date	September 5, 2003
First Named Inventor	Robert K. Masse
Examiner Name	Troy Chambers
Art Unit	3641
Attorney Docket No.	NPS-PT025.1

**METHOD OF PAYMENT** (check all that apply)☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: **22-0493** Deposit Account Name: **Volpe and Koenig, P.C.**

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17☒ Credit any overpayments**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
-	=	x	= 0.00			

HP = highest number of total claims paid for, if greater than 20

<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
-	=	x	= 0.00

HP = highest number of independent claims paid for, if greater than 3

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 100 =	/ 50 =	(round up to a whole number) x	=	0.00

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other: Submission of Supplemental Information Disclosure Statement**Fees Paid (\$)**180.00**SUBMITTED BY**

Signature	<i>Ryan W. O'Donnell</i>	Registration No. 53,401 (Attorney/Agent)	Telephone 215-568-6400
Name (Print/Type)	Ryan W. O'Donnell	Date November 22, 2005	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the **PATENT APPLICATION** of:

Robert K. Masse

**Application No.:** 10/656,307

**Filed:** September 5, 2003

**For:** COMPRESSED GAS-POWERED  
PROJECTILE ACCELERATOR

**Group:** 3641

**Examiner:** Troy Chambers

**Our File:** NPS-PT025.1

(formerly 08822-0066

CI1(188087))

**Date:** November 22, 2005

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Further to Applicant's Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicant wishes to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form. This information is being submitted with the \$180.00 fee set forth in 37 CFR § 1.17(p). Please charge any additional fees or credit any overpayments to deposit account number 22-0493.

This application is a continuation in part of Application No. 10/090,810 filed on March 6, 2002, which issued on March 23, 2004 as U.S. Patent No. 6,708,685.

11/28/2005 HVUONG1 00000017 10656307

01 FC:1806

180.00 OP


**Applicant: Robert K. Masse**  
**Application No.: 10/656,307**

Pursuant to 37 C.F.R. §1.98(a)(2)(ii), copies of the cited U.S. publications and/or patent documents have not been included.

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his consideration of the cited materials.

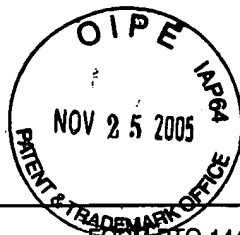
Respectfully submitted,

Robert K. Masse

By   
Ryan W. O'Donnell  
Registration No. 53,401  
(215) 568-6400

Volpe and Koenig, P.C.  
United Plaza, Suite 1600  
30 South 17th Street  
Philadelphia, PA 19103

RWO/djw  
Enclosure



Sheet 1 of 2

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)				ATTY. DOCKET NO. NPS-PT025.1		SERIAL NO. 10/656,307																
				APPLICANT Robert K. Masse																		
				FILING DATE September 5, 2003		GROUP 3641																
U.S. PATENT DOCUMENTS																						
EXAMINER INITIAL	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV
	645,932	1,441,975	2,357,951	2,594,240	2,618,254	2,881,752	3,204,625	3,572,310	3,612,026	3,741,189	3,951,038	4,004,566	4,531,503	4,819,610	5,257,614	6,003,547	6,349,711	6,520,171	6,550,468	6,557,542	6,561,176	6,637,421
	03/1900	01/1923	09/1944	04/1952	11/1952	04/1959	09/1965	03/1971	10/1971	06/1973	04/1976	01/1977	07/1985	04/1989	11/1993	12/1999	02/2002	02/2003	04/2003	05/2003	05/2003	10/2003
	Beck et al.	Edelin	Hale	Wells	Wells	Blahnik	Shepherd	Chiba	Vadas	Kester et al.	Van Langenhoven	Fischer	Shepherd	Lacam et al.	Sullivan	Tippmann, Jr.	Perry et al.	Reible	Tippmann, Jr.	Orr	Fujimoto et al.	Smith et al.
EXAMINER												DATE CONSIDERED										

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>FORM PTO-1449</b>  <b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)				<b>ATTY. DOCKET NO.</b> NPS-PT025.1		<b>SERIAL NO.</b> 10/656,307	
				<b>APPLICANT</b> Robert K. Masse			
				<b>FILING DATE</b> September 5, 2003		<b>GROUP</b> 3641	
<b>U.S. PATENT DOCUMENTS</b>							
<b>EXAMINER INITIAL</b>					<b>CLASS</b>	<b>SUBCLASS</b>	<b>FILING DATE IF APPROPRIATE</b>
	AW	2001/0042543	11/2001	Perrone			
	AX	2002/0088449	07/2002	Perrone			
	AY	2002/0096164	07/2002	Perrone			
	AZ	2003/0024521	02/2003	Smith et al.			
	BA	2003/0024520	02/2003	Dobbins			
	BB	2003/0047174	03/2003	Tiberius et al.			
	BC	2003/0047175	03/2003	Farrell			
	BD	2003/0226555	12/2003	Reible			
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>			

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.